

To: Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450



**NEW APPLICATION TRANSMITTAL - UTILITY**

Sir:

Transmitted herewith for filing is a **utility** patent application:

**Inventor(s):** Louis K. Scheffer

**Title:** **AUTOMATIC INSERTION OF Clocked ELEMENTS INTO AN  
ELECTRONIC DESIGN TO IMPROVE SYSTEM PERFORMANCE**

**I. PAPERS ENCLOSED HERewith FOR FILING UNDER 37 CFR § 1.53(b):**

15 Page(s) of Written Description  
6 Page(s) Claims  
1 Page(s) Abstract  
5 Sheets of Drawings ☐ Informal ☒ Formal

**II. ADDITIONAL PAPERS ENCLOSED IN CONNECTION WITH THIS FILING:**

☒ Declaration (2 pgs.)  
☐ Power of Attorney (1 pgs.) with copy of Assignment (   pgs.) ☐ Separate  
☐ Combined with Declaration  
☐ Assignment to                                  (   pgs.) and assignment cover  
sheet (1 pg.)  
☐ Certified Copy of Priority Document No(s):             
☐ Information Disclosure Statement w/PTO 1449 ☐ Copy of Citations  
☐ Preliminary Amendment  
☐ Request and Certification under 35 U.S.C. § 122(b)(2)(B)(i) (1 pg.). Applicant must  
attach form PTO/SB/35  
☒ Return Postcard

**CERTIFICATE OF MAILING**  
(37 C.F.R. §1.10)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as 'Express Mail Post Office To Addressee' in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

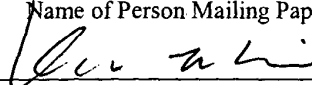
EV 348 163 519 US  
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September 12, 2003  
Date of Deposit

PA:52117677.1/2019535-7016672001

Kum Ju Lim

Name of Person Mailing Paper

  
Signature of Person Mailing Paper

9/12/03 3:02 PM

☒ Other: Title Page (1 pg.)

**III. PRIORITY**

☒ Priority of application Serial No. 60/410,515 filed on September 13, 2002 is claimed under 35 U.S.C. § 119.

**IV. THE FILING FEE HAS BEEN CALCULATED AS SHOWN BELOW:**

☐ Applicant claims small entity status pursuant to 37 CFR § 1.27

<b>BASIC FILING FEE:</b>					\$0.00
Total Claims	-	20	=	x \$18.00	\$0.00
Independent Claims	-	3	=	x \$84.00	\$0.00
Multiple Dependent Claims	\$280	(if applicable)		<input type="checkbox"/>	\$0.00
<b>TOTAL OF ABOVE CALCULATIONS</b>					\$0.00
Reduction by ½ for Filing by Small Entity, if applicable, as asserted above. Note 37 CFR §§ 1.9, 1.27, 1.28.					\$0.00
Misc. Filing Fees (Recordation of Assignment -- \$40)					\$0.00
<b>TOTAL FEES DUE HERewith</b>					

**V. METHOD OF PAYMENT OF FEES**

☐ Charge Bingham McCutchen's Deposit Account No. \_\_\_\_, referencing billing no. \_\_, in the amount of \$ \_\_, for the above fees.

☐ This application is being filed without payment of filing fees under 37 CFR § 1.53.

**VI. AUTHORIZATION TO CHARGE FEES**

The Commissioner is authorized to credit any overpayment and to charge any underpayment to Bingham McCutchen's Deposit Account No. 50-2518 for the following:

- ☒ 37 CFR § 1.16 – (Filing fees and excess claims fees)
- ☒ 37 CFR § 1.17 – (Any application processing fees)
- ☐ 37 CFR § 1.21 – (Assignment recording fees)

**VII. CORRESPONDENCE ADDRESS**

Please send all correspondence to Customer Number **23639**:

BINGHAM McCUTCHEN LLP  
Three Embarcadero Center  
Suite 1800  
San Francisco, CA 94111-4067  
(650) 849-4870

Please direct all inquiries to **Peter C. Mei**, at the above customer number.

Respectfully submitted,

BINGHAM McCUTCHEN LLP

Dated: September 12, 2003

By: Jeffrey S. Smith  
Jeffrey S. Smith  
Reg. No. 39,377

<h1 style="margin: 0;">FEE TRANSMITTAL FOR FY 2003</h1> <p style="margin-top: 10px;">Effective 01/01/2003. Patent fees are subject to annual revision.</p>		Application Number	Not yet assigned	
		Filing Date	September 12, 2003	
		First Named Inventor	Louis K. Scheffer	
		Examiner Name	Not yet assigned	
		Art Unit	Not yet assigned	
TOTAL AMOUNT OF PAYMENT		\$984.00	Attorney Docket No.	CA7016672001

METHOD OF PAYMENT	FEE CALCULATION (continued)																																																																																																																																																																														
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number: <b>50-2518</b></p> <p>Deposit Account Name: <b>Bingham McCutchen LLP</b></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p> <p>2. <input type="checkbox"/> Payment Enclosed:</p> <p><input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>	<p>3. ADDITIONAL FEES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for <i>ex parte</i> reexamination</td><td></td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>*Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td>*Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>1252</td><td>410</td><td>2252</td><td>205</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>1253</td><td>930</td><td>2253</td><td>465</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>1254</td><td>1,450</td><td>2254</td><td>725</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>1255</td><td>1,970</td><td>2255</td><td>985</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>1401</td><td>320</td><td>2401</td><td>160</td><td>Notice of Appeal</td><td></td></tr> <tr><td>1402</td><td>320</td><td>2402</td><td>160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1403</td><td>280</td><td>2403</td><td>140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>1453</td><td>1,300</td><td>2453</td><td>650</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>1501</td><td>1,300</td><td>2501</td><td>650</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>1502</td><td>470</td><td>2502</td><td>235</td><td>Design issue fee</td><td></td></tr> <tr><td>1503</td><td>630</td><td>2503</td><td>315</td><td>Plant issue fee</td><td></td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Processing fee under 37 CFR 1.17(q)</td><td></td></tr> <tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>1809</td><td>750</td><td>2809</td><td>375</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>1810</td><td>750</td><td>2810</td><td>375</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td>1801</td><td>750</td><td>2801</td><td>375</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> </tbody> </table> <p>Other fee (specify) _____</p>	Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	1051	130	2051	65	Surcharge - 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\*\* or number previously paid, if greater; For reissues, see above.

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Jeffrey S. Smith	Registration No. (Attorney/Agent)	39,377
Signature		Telephone	(650) 849-4400
		Date	September 12, 2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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